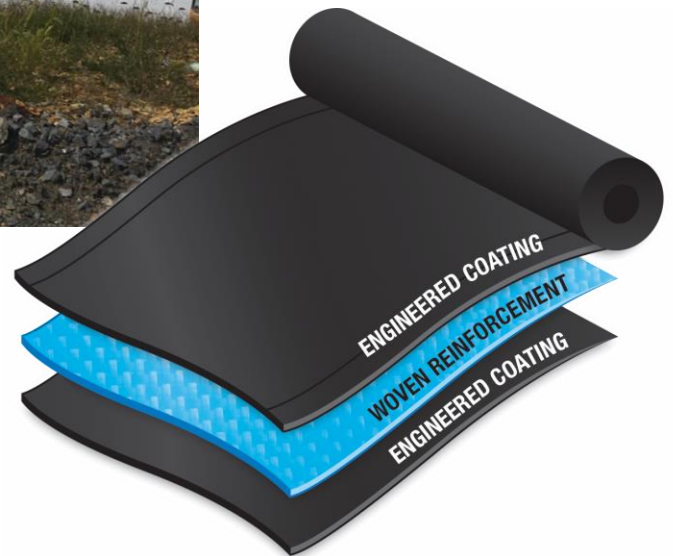


## NovaLiner® 12 5.2 OZ GEOMEMBRANE



# NOVA LINER®



### PRODUCT DESCRIPTION

A medium weight fabric incorporating a new coating recipe designed to improve toughness and abrasion resistance.

### RECOMMENDED APPLICATIONS

Grain Covers, Temporary Landfill Covers, Short-term Liners

### PRODUCT DIMENSIONS

- Cores** 4 inch I.D. or 5 inch I.D. available (10 cm or 13 cm)
- Width** Up to 150 in (381 cm) (-0, +0.5) as ordered
- Length** Minimum 250 yds/roll (229 m); up to 2000 yds/roll (1828 m)

### PRODUCT SPECIFICATIONS

- Weave** Woven black HDPE scrim
- Coating** LDPE, 1.5 mil average each side (35.6 g/m<sup>2</sup>/side)
- Color** Black or colored coatings available
- Weight** 5.2 oz/yd<sup>2</sup> (176 g/m<sup>2</sup>) ± 5%



Certified to  
NSF/ANSI/CAN 61

These values are typical data and are not intended as limiting specifications.

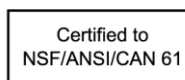
## PERFORMANCE PROPERTIES

The following data are typical values based on ASTM standard tests. This data should not be considered specification.

<b>Thickness</b> ASTM D1777	Nominal 12 mil (0.30 mm), ± 10%
<b>Grab Tensile (N)</b> ASTM D7004	MD 205 lb (912) TD 190 lb (845)
<b>Strip Tensile (N/5cm)</b> ASTM D7003	MD 140 lb/in (1226) TD 125 lb/in (1094)
<b>Tongue Tear—large scale (N)</b> ASTM D5884	MD 85 lb (378) TD 95 lb (423)
<b>Mullen Burst</b> ASTM D751	315 psi (2174 kPa)
<b>MVTR</b> ASTM E96 Proc. BW	0.35 g/m <sup>2</sup> · 24hr (0.05 perms)
<b>Hydraulic Conductivity (Permeability)</b> Calculated from MVTR	1.37 x 10 <sup>-14</sup> cm/s
<b>Hydrostatic Resistance</b> ASTM D751	130 psi (896 kPa)
<b>Puncture Resistance</b> ASTM D4833	95 lb (423 N)
<b>CBR Static Puncture</b> ASTM D6241	530 lb (2353 N)
<b>Carbon Black Content</b> ASTM D4218	3 %
<b>Dimensional Stability</b> ASTM D1204	MD -2.9% TD -2.2%
<b>Low Temperature Flex</b> ASTM D2136	MD & TD: Pass @ -40°C (-40°F)
<b>HP-OIT</b> ASTM D5885 (Measured on coating formulation)	1330 minutes
<b>Accelerated UV Weathering<sup>i</sup></b> ASTM G151 ASTM G154	>90% strength retention after 2000 hrs exposure @ 0.77 W/m <sup>2</sup> /nm, or 1200 hrs exposure @ 1.35 W/m <sup>2</sup> /nm

MD = Machine Direction. TD = Transverse Direction.  
i Q.U.V [A-340 Lamps]; 8 hrs UV @ 60°C; 4 hrs condensation @ 50°C

Please contact your IPG representative for warranty details.



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While we believe them to be reliable, the statements and information herein are only for general guidance and are not warrants or guarantees for accuracy and completeness. The user must, by test or otherwise, determine suitability for this purpose. There is no warranty of fitness for a particular purpose. Our standard term and conditions of sale apply exclusively to all orders, and all liability for damages of any kind, including consequential, exceeding purchase price is excluded. No one is authorized by us to make oral warranties. We reserve the right to make changes without notice or obligation in our products and publications.